

# XAC-113B

## Embedded RFID Access control system



### Robust and Versatile RFID Access Control System

The Embedded RFID Access is a robust access control solution designed for environments requiring high durability and advanced security features. Its waterproof and tamper-resistant design makes it ideal for harsh conditions while offering flexible card compatibility and operational modes. The device integrates seamlessly with modern security systems to enhance access control efficiency.

#### Key Feature

Durable Metal Construction:	Embedded design ensures reliable performance and longevity.
IP66 Waterproof Certification:	Ideal for outdoor applications and challenging environments.
Card Compatibility:	Supports 125KHz EM cards and 13.56MHz Mifare cards.
Wide Temperature Tolerance:	Operates efficiently from -40°C to 60°C (-40°F to 140°F).
Flexible Operation Modes:	Features pulse and toggle modes for adaptable usage.
Anti-Tamper Security:	Built-in LDR for added tamper resistance.
Efficient Enrollment:	Enables card block enrollment for streamlined management.
Wiegand Integration:	Supports 26-bit output and automatic identification for 26/34-bit input protocols.

#### Outdoor Security

With IP66 waterproofing and anti-tamper protection, it works well for gates, parking areas, and outdoor facilities.

#### Commercial Buildings

Ensures secure access to offices, warehouses, and industrial sites.

#### Residential Complexes

Provides reliable entry control for apartment buildings and gated communities.

#### Institutional Facilities

Suitable for schools, hospitals, and government offices requiring advanced access control.

#### Temperature-Challenging Locations

Operates seamlessly in extreme weather conditions, such as deserts or cold climates.



## Embedded RFID Access Control

Supports 13.56MHz Mifare cards for seamless and secure access.

## Embedded Design

Seamlessly integrates into the door for a sleek, space-saving installation, enhancing both security and aesthetics.



## IP66 Waterproof

Engineered for durability with a high-level waterproof rating, ensuring reliable performance in harsh outdoor environments.

## Wiegand Input & Output

Supports Wiegand 26/34 protocols for seamless integration with access control systems, enabling secure data transmission.

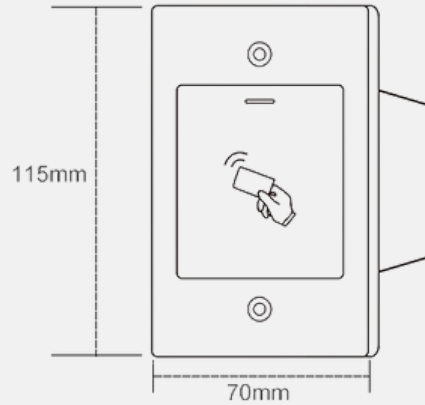


## Brushed Metal Case

Constructed with a high-quality brushed metal finish, ensuring durability, resistance to wear, and a sleek, modern aesthetic.



## Dimension



## Application:

- **Outdoor Security:** Ensures reliable access control in gates, parking areas, and outdoor facilities with waterproof and tamper-resistant design.
- **Commercial Buildings:** Ideal for offices, warehouses, and industrial sites needing robust entry management.

## Specification

Model Number:	XAC-113B
User Capacity:	2000 cards
Operating Voltage:	12-18V DC
Idle Current:	<50mA
Proximity Card Reader:	<ul style="list-style-type: none"> <li>• Radio Technology: Mifare 13.56MHz</li> <li>• Read Range: 0-6 cm</li> </ul>
Wiring Connections:	<ul style="list-style-type: none"> <li>• Relay output, exit button, Wiegand (input &amp; output)</li> </ul>
Relay:	<ul style="list-style-type: none"> <li>• Output Type: One (NO, NC, Common)</li> <li>• Adjustable Relay Output Time: 0-99 seconds (default 5 seconds)</li> <li>• Lock Output Load: 2 Amp maximum</li> </ul>
Environmental Specifications:	<ul style="list-style-type: none"> <li>• Operating Temperature: -40°C to 60°C (-40°F to 140°F)</li> <li>• Operating Humidity: 20%-98% RH</li> </ul>
Material:	Stainless Steel Plate
Dimensions:	115×70×25 mm